

No. 14,719

Report of Survey for Repairs, &c., of Engines and Boilers.

10 FEB 1936

(Received at London Office)

Date of writing Report 4/11 1936 When handed in at Local Office 4/11 1936 Port of Sydney N.S.W.

No. in Survey held at Sydney N.S.W. Date, First Survey 30/12/35 Last Survey 3/11 1936
 eg. Book. 19641 on the Machinery of the ~~Woolman~~ Steel S.S. "ABEL TASMAN" (No. of Visits 2)

Tonnage { Gross 2047
 Net 1176 Vessel built at Heerdt Ids Ambacht By whom Jonker & Stams When 1916-7

Nominal Horse Power { 209
 Engines made at Rotterdam By whom Bugenhout's Mech. Lab. When 1916

No. of Main Boilers 2 Boilers, when made (Main) 1916 (Donkey) -

No. of Donkey Boilers - Owners H.C.S. Coasters Proprietary Ltd. Owners' Address Port Melbourne Voyage Antarctic

Steam Pressure in Main Boilers 180 lbs Managers H.C. Sleight (If not already recorded in Appendix to Register Book.)

in Donkey Boilers - If Surveyed Afloat or in Dry Dock Sydney Harbour (State name of Dock.)

Last Report No. 14602 Port Syd. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER, & Date of last Survey and of Periodical Surveys.	Year Assigned, or Date of expiration.	Machinery and Boiler Surveys (including date of N.E., if any).
<u>± 100 A1 9 34</u>	<u>7.35</u>	<u>+ LMC 5-34 33</u>
<u>S.S. 2nd Nat 34</u>		<u>T.S.S. 5-34 08</u>
<u>550sl ho3-4.28</u>		<u>10.35</u>
<u>550sl ho1-33</u>		

DABED BATTENS NOT FIT

Particulars of Examination and Repairs (if any) Completion B.S.

Periodical Surveys, when held, must be reported in detail and certum in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined.

Was a damage report made by anyone else? If so, by whom? -

Did the Surveyor personally go inside ^{PORT} Main Boiler separately and make a thorough examination at this time? Yes

Do. " " Donkey " " " " " " Yes

If this was not done, state for what reasons? PRESENT CONDITION OF FUNNEL Good

And what parts of the Boilers could not be thus thoroughly examined? -

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? -

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 180 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? -

Did the Surveyor examine all the manholes, doors and their fastenings of the ^{PORT} Main Boilers? Yes, and of the Donkey Boiler? Yes

Did the Surveyor examine the drain plugs of the ^{PORT} Main Boilers? Yes, and of the Donkey Boiler? Yes

Did the Surveyor examine all the mountings of the ^{PORT} Main Boilers? Yes, and of the Donkey Boiler? Yes

Has screw shaft now been drawn and examined? Yes Is it fitted with continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes

Has shaft now been changed? Yes If so, state reasons -

Has the shaft now fitted been previously used? Yes Has it a continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? -

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done? Complete

Port main boiler cleaned, examined internally & externally with mountings & steam pipes & found in good condition except all furnaces slightly out of true circle near mouths, now jacked up true and 24 rivets renewed in front seams in each furnace front & now good. Front end plate under centre furnace locally wasted, now built up with electric welding & good. 10 plain tubes in port C.C., 3 plain tubes in Centre C.C., and 9 plain tubes in Star C.C. found thin, all now renewed & in order. Safety valves, main stop valve, & main check valve seats skinned & in order & now good. Port boiler seen tight under steam, safety valves adjusted & blowing freely at 180 lbs per sq inch.

General Observations, Opinion, and Recommendation:— This vessel's machinery as far as (State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9, 11, B.M.S. 9, 11, or L.M.C. 9, 11, 140 lb., E.D., &c.)

Seen is in good condition, eligible in my opinion to remain as classed, and to have record of Boiler Survey 10-35 noted in the Register Book.

Survey Fee (per Section 28) £ 8.3 0 Fees applied for 3/11 1936

Special Damage or Repair Fee (if any) e

Travelling Expenses (if chargeable) e

Received by me, E.L. Cartwright & J. Mitchell (Acting)

19 19

Committee's Minute FRI. 21 FEB 1936

Assigned 10.35 THE. 20 OCT 1936

Lloyd's Register Foundation

547-0039